

**COPY**Docket No.  
2002-0039-1

## Declaration and Power of Attorney For Patent Application

### English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**LASER LITHOGRAPHY LIGHT SOURCE WITH BEAM DELIVERY**

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on May 7, 2002 as United States Application No. or PCT International Application Number 10/141,216 and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>

I her by claim th benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

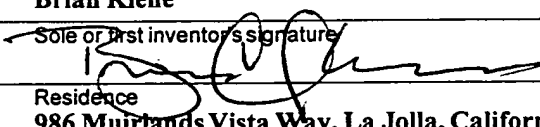
10/036,676	12/21/01	Pending
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
10/036,727	12/21/01	Pending
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
10/006,913	11/29/01	Pending
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

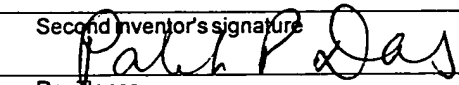
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

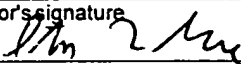
**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*


Send Correspondence to: **John R. Ross, Reg. No. 30,530**  
**Cymer, Inc.**  
**Legal Dept. MS/1-2A**  
**16750 Via Del Campo Court, San Diego, California 92127-1712**

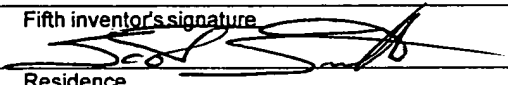
Direct Telephone Calls to: *(name and telephone number)*  
**John R. Ross (858) 385-7185**

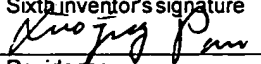
Full name of sole or first inventor <b>Brian Klene</b>	
Sole or first inventor's signature 	Date <b>6/21/02</b>
Residence <b>986 Muirlands Vista Way, La Jolla, California 92122</b>	
Citizenship <b>USA</b>	
Post Office Address <b>same as above</b>	

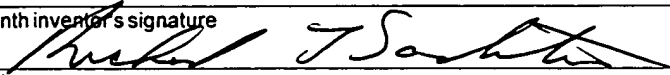
Full name of second inventor, if any <b>Palash P. Das</b>	<b>6/21/02</b>
Second inventor's signature 	Date
Residence <b>2029 Paseo De Anza, Vista, California 92084</b>	
Citizenship <b>USA</b>	
Post Office Address <b>same as above</b>	

Full name of third inventor, if any <b>Steve Grove</b>	6/18/02
Third inventor's signature 	Date
Residence <b>17016 Surey Hills Court, Poway, California 92064</b>	
Citizenship <b>USA</b>	
Post Office Address <b>same as above</b>	

Full name of fourth inventor, if any <b>Alexander Ershov</b>	
Fourth inventor's signature 	Date 6/21/2002
Residence <b>11312 Meadow Flower Place, San Diego, California 92127</b>	
Citizenship <b>USA</b>	
Post Office Address <b>same as above</b>	

Full name of fifth inventor, if any <b>Scot Smith</b>	
Fifth inventor's signature 	Date 6/19/02
Residence <b>15124 Calle Juanito, San Diego, California 92129</b>	
Citizenship <b>USA</b>	
Post Office Address <b>same as above</b>	

Full name of sixth inventor, if any <b>Xiaojiang Pan</b>	
Sixth inventor's signature 	Date 6/18/02
Residence <b>11220 Mayan Court, San Diego, California 92127</b>	
Citizenship <b>USA</b>	
Post Office Address <b>same as above</b>	

Full name of seventh inventor, if any <b>Richard L. Sandstrom</b>	
Seventh inventor's signature 	Date <b>7/2/02</b>
Residence <b>410 Bridoon Terrace, Encinitas, California 92024</b>	
Citizenship <b>USA</b>	
Post Office Address <b>same as above</b>	

Full name of eighth inventor, if	
Eighth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of ninth inventor, if any	
Ninth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of tenth inventor, if any	
Tenth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

RECORDATION FORM COVER SHEET  
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

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☐ Other

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☐ Departmental File

☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Brian Charles Klene

Execution Date  
Month Day Year  
6/21/02

Name (line 2)

Sec nd Party

Name (line 1) Palash P. Das

Execution Date  
Month Day Year  
6/21/02

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Cymer, Inc.

Name (line 2)

Address (line 1) 17075 Thornmint Court

Address (line 2)

Address (line 3) San Diego

California

92127

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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**Correspondent Name and Address**

Area Code and Telephone Number

(858) 385-7185

Name William Cray, Reg. No. 27,627

Address (line 1) Cymer, Inc.

Address (line 2) Legal Dept. MS/4-2C

Address (line 3) 17075 Thornmint Court

Address (line 4) San Diego, California 92127

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 1

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)


If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year  
11/12/2003

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:

Enclosed ☐

Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

# 03-4060

Authorization to charge additional fees:

Yes



No



**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

William Cray

Name of Person Signing



Signature

November 12, 2003

Date

RECORDATION FORM COVER SHEET  
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PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)



Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Steve Grove

Execution Date  
Month Day Year  
06/18/2002

Name (line 2)

Name (line 1) Alexander I. Ershov

Execution Date  
Month Day Year  
06/21/2002

Name (line 2)

Name (line 1) Scot T. Smith

Execution Date  
Month Day Year  
06/10/2002

Name (line 2)

Receiving Party



Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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Name (line 2)

Address (line 1)

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Application Number(s) or Patent Number(s)



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Patent Application Number(s)

Patent Number(s)




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Patent and Trademark Office  
PATENT

## Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Xiaojiang Pan

Execution Date  
Month Day Year  
06/18/2002

Name (line 2)

Name (line 1) Richard L. Sandstorm

Execution Date  
Month Day Year  
07/02/2002

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

## Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

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## Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

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## Patent Application Number(s)

## Patent Number(s)


ASSIGNMENT OF PATENT APPLICATION

We, Brian Charles Kiene, Palash P. Das, Steven L. Grove, Alexander I. Ershov, Scot T. Smith, Xiaojiang Pan, and Richard L. Sandstrom, the undersigned, have agreed and hereby agree to assign to CYMER, Inc., a Nevada corporation having its principal place of business in San Diego, California (hereinafter CYMER), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to CYMER, its successors and assigns, the entire right, title and interest, including the right of priority, in and to our invention for

LASER LITHOGRAPHY LIGHT SOURCE WITH BEAM DELIVERY

as described and/or claimed in our application for Letters Patent of the United States of America, filed May 7, 2002 having U.S. Serial No. 10/141,216 and as described and/or claimed in any and all continuations, continuations-in-part (C-I-Ps), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or re-examinations, or extensions of said Letters Patent.

We additionally authorize CYMER to file applications in our name for Letters Patent in any country, to be held and enjoyed by CYMER, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made;

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to CYMER, its successors, assigns, nominees or legal representatives, and we agree to communicate to CYMER, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid CYMER, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by CYMER;

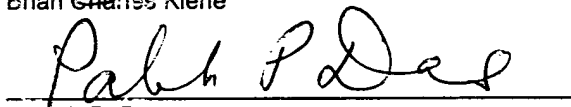
AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to CYMER, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

We hereunto set our hands and seals:

Dated: 6/21/02

  
Brian Charles Kiene

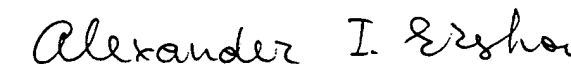
Dated: 6/21/02

  
Palash P. Das

Dated: 6/18/02

  
Steven L. Grove

Dated: 6/21/02

  
Alexander I. Ershov

Dated: 6/10/02

  
Scot T. Smith

Dated: 6/18/02

  
Xiaojiang Pan

Dated: 7/2/02

  
Richard L. Sandstrom